

## Patent claims

1. Miniaturized camera with a housing (7) featuring:

- a lens (2);
- a sensor (4) as a picture element;

5     - a piezo element (5) for displacing the sensor, in which case the piezo element is arranged below the sensor;  
      -connecting elements (10, 11, 12) for making contact with the sensor,

10    characterized in that the lens (2) is mounted in a fixed manner in the camera, especially in the camera housing, and the connecting elements are embodied as at least one flex foil (11, 12) and feature two cutouts (13).

2. Camera in accordance with Claim 1,  
15    characterized in that the focal plane is displaced by the piezo element for focusing.

3. Camera in accordance with one of the previous claims,  
characterized in that the connecting elements are embodied as cables, wires or bond wires (3).

4. Camera in accordance with Claim 3,  
20    characterized in that the connecting elements provide a connection between the sensor and a circuit board or a flexible circuit board, especially a flex foil, (6).

5. Camera in accordance with one of the Claims 3 or 4,  
25    characterized in that the connecting elements are embodied so that it is possible to move the sensor in parallel to the lens.

6. Camera in accordance with Claim 1 or 2,  
characterized in that the flex foil is a thin design.

7. Camera in accordance with one of the Claims 1, 2 or 6, characterized in that the sensor is arranged on the connecting elements.

8. Camera in accordance with Claim 1, 2, 6 or 7

5 characterized in that cutouts (12) are embodied as elliptical shapes.

9. Camera in accordance with one of the Claims 1, 2 or 6 to 8, characterized in that the connecting elements are attached in the edge area to the housing of the camera.

10 10. Camera in accordance with one of the Claims 1, 2, or 6 to 9, characterized in that the connecting elements are arranged in the connecting area with the sensor (10) over the piezo element.

11. Camera in accordance with one of the Claims 1, 2, or 6 to 10, characterized in that the connecting elements are embodied so that  
15 it is possible to move the sensor in parallel to the lens.

12. Camera in accordance with one of the previous claims, characterized in that the camera features an infrared filter (3).

13. Camera in accordance with one of the previous claims, characterized in that the camera features a protective glass cover  
20 (1) over the lens.

14. Camera in accordance with one of the previous claims, characterized in that the housing (7) protects the camera against environmental effects.

15. Camera in accordance with one of the previous claims

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characterized in that the camera is combined with an autofocus control.